

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052080

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03K23/54

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 270 191 A (PHILIPS ELECTRONIC ASSOCIATED ; PHILIPS NV (NL)) 8 June 1988 (1988-06-08)	1
Y	the whole document	3
A		2,4
X	PATENT ABSTRACTS OF JAPAN vol. 005, no. 015 (E-043), 29 January 1981 (1981-01-29) & JP 55 145439 A (TOSHIBA CORP), 13 November 1980 (1980-11-13)	1
Y	abstract; figures 9-11	3
A		2,4
X	DE 35 46 132 A (ANT NACHRICHTENTECH) 2 July 1987 (1987-07-02)	1
A	column 2, lines 41-54; figures 3,4	2-4

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

7 February 2005

Date of mailing of the international search report

18/02/2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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